

Student Name: _____ ID Number: _____

Rev. 9/3/2025

Course Prefix	Course Number	Major Requirements (Pre-Requisite)	Liberal Studies	Req. Hours	Semester & Term Taught	Semester Acquired	Grade Earned
Biology Core Requirements							
BIOL	110	General Biology	NW	4	Fall & Spring		
BIOL	201	Biology Seminar (1 credit each; need 4 total)		4	Fall & Spring		
BIOL	221	Human Anatomy & Physiology I		4	Fall & Spring		
BIOL	222	Human Anatomy & Physiology II (BIOL 221)		4	Fall & Spring		
BIOL	226	General Microbiology (BIOL 110)	NW	4	Fall & Spring		
BIOL	415	Genetics (BIOL 110)		4	Fall		
BIOL	350	Ecology (BIOL 110)		4	Spring Even		
BIOL	380	Going Pro in Biology		1	Fall & Spring		
BIOL	430	Ecosystem Exploration		3	Spring Even		
BIOL	460	Internship		3	Fall & Spring		
BIOL	499	Biological Research		3	On Demand		
CHEM	123	General Chemistry I		4	Fall		
CHEM	124	General Chemistry II (CHEM 123)		4	Spring		
CHEM	300	Organic Chemistry I		4	Fall		
CHEM	310	Organic Lab Techniques		2	Fall		
BSHS	210	Statistical Analysis	QR	3	Fall & Spring		
			Total Core Hours:	49			

Program Electives

Students must take at least 14 credit hours from the following options of any 300-level or higher BIOL course that is not part of the core curriculum; students must take at least two courses with a lab component.

BIOL	310	Botany (BIOL 110)		4	Fall Odd		
BIOL	325	Invertebrate Zoology (BIOL 110)		4	Fall Even		
BIOL	335	Entomology		4	On Demand		
BIOL	330	Vertebrate Zoology (BIOL 110)		4	Spring Odd		
BIOL	390	Research Preparation in Nat. Sciences		3	Fall		
BIOL	400	Immunology (BIOL 226)		3	Fall Even		
BIOL	425	Cellular & Molecular Biology		4	Spring		
BIOL	440	Ornithology		4	Spring Odd		
BIOL	450	Mammalogy		4	Spring Even		
CHEM OR CHEM	320	Organic Chemistry II (CHEM 300)		4	Spring		
	420	Biochemistry I (CHEM 300)		4	Fall		
			Total Major Hours:	63			
DEGREE REQUIREMENTS BACHELOR of SCIENCE:							
Foundational & Liberal Studies (min. 36 hours)				36			
ELECTIVES:				21			
TOTAL GRADUATION HOURS:				120			

SUGGESTED SEQUENCE
Major: **BIOLOGY** (Even Year Start)

FALL OF YEAR ONE				SPRING OF YEAR ONE		
INTD 105	Wesleyan Experience	2		BIOL 226	General Microbiology	4
INTD 115	Wesleyan Heritage	1		BSHS 210	Statistical Analysis	3
BIOL 110	General Biology	4		ENGL 121	Intermed. English Composition	3
BIOL 201	Biology Seminar (Fa or Sp)	1		CHEM 124	General Chemistry II	4
ENGL 120	Intro. English Composition	3			Liberal Studies	3
CHEM 123	General Chemistry I	4				
	Total	15			Total	17

FALL OF YEAR TWO				SPRING OF YEAR TWO		
BIOL 201	Biology Seminar (Fa or Sp)	1		BIOL 222	Human Anatomy & Phys. II	4
BIOL 221	Human Anatomy & Physiology I	4		BIOL 350	Ecology	4
CHEM 300	Organic Chemistry I	4			Liberal Studies	6
CHEM 310	Organic Lab Techniques	2				
	Liberal Studies	3				
	Total	14			Total	14

FALL OF YEAR THREE				SPRING OF YEAR THREE		
BIOL 201	Biology Seminar* (Fa or Sp)	1		BIOL 380	Going Pro in Biology	1
BIOL 415	Genetics	4			Program Elective	3-4
	Program Elective	3-4			Liberal Studies	3
	Electives	6			Electives	9
	Total	14-15			Total	16-17

FALL OF YEAR FOUR				SPRING OF YEAR FOUR		
BIOL 201	Biology Seminar (Fa or Sp)	1		BIOL 460/430/499	Internship/ Ecosystem Explor./ Biological Research	3
	Program Elective	3-4			Program Elective	3-4
	Liberal Studies	3			Liberal Studies	3
	Electives	6			Electives	6
	Total	13-14			Total	15-16

FALL OF YEAR ONE				SPRING OF YEAR ONE		
INTD 105	Wesleyan Experience	2		BIOL 226	General Microbiology	4
INTD 115	Wesleyan Heritage	1		BSHS 210	Statistical Analysis	3
BIOL 110	General Biology	4		ENGL 121	Intermed. English Composition	3
BIOL 201	Biology Seminar (Fa or Sp)	1		CHEM 124	General Chemistry II	4
ENGL 120	Intro. English Composition	3			Liberal Studies	3
CHEM 123	General Chemistry I	4				
	Total	15			Total	17

FALL OF YEAR TWO				SPRING OF YEAR TWO		
BIOL 201	Biology Seminar (Fa or Sp)	1		BIOL 222	Human Anatomy & Phys. II	4
BIOL 221	Human Anatomy & Physiology I	4			Liberal Studies	6
CHEM 300	Organic Chemistry I	4			Program Elective	3-4
CHEM 310	Organic Lab Techniques	2				
	Liberal Studies	3				
	Total	14			Total	13-14

FALL OF YEAR THREE				SPRING OF YEAR THREE		
BIOL 201	Biology Seminar* (Fa or Sp)	1		BIOL 380	Going Pro in Biology	1
BIOL 415	Genetics	4		BIOL 350	Ecology	4
	Program Elective	3-4			Liberal Studies	3
	Electives	6			Electives	9
	Total	14-15			Total	17

FALL OF YEAR FOUR				SPRING OF YEAR FOUR		
BIOL 201	Biology Seminar (Fa or Sp)	1		BIOL 460/430/499	Internship/ Ecosystem Explor./ Biological Research	3
	Program Elective	3-4			Program Elective	3-4
	Liberal Studies	3			Liberal Studies	3
	Electives	6			Electives	6
	Total	13-14			Total	15-16